

Application No. 10/623,255  
Response to Office Action

Customer No. 01933

R E M A R K S

Reconsideration of this application, as amended, is respectfully requested.

RE: THE ALLOWABLE SUBJECT MATTER

The Examiner's allowance of claims 6, 7 and 13, 14 is respectfully acknowledged. These claims have been amended only to make some minor grammatical improvements and to correct some minor antecedent basis problems so as to put them in better form for issuance in a U.S. patent.

No new matter has been added, and no new issues with respect to patentability have been raised. Accordingly, it is respectfully requested that the amendments to claims 6, 7, 13 and 14 be approved and entered, and it is respectfully submitted that these claims remain in condition for allowance.

It is respectfully submitted, moreover, that the amendments to these claims are not related to patentability, and do not narrow the scope of these claims either literally or under the doctrine of equivalents.

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RE: THE OTHER CLAIM AMENDMENTS

Claim 1 has been amended to clarify the features of the present invention whereby the first and the second plate pieces are placed at an interior of the casing material, and whereby the second and the third plate pieces are folded onto each other so as to be formed integrally, as shown in Fig. 3.

In addition, claim 8 has been amended to clarify the manufacturing method of the present invention whereby a T shape is fabricated from a series of members by punching the series of members based on a press work and a bending work, such that the first and third plate pieces intersect to form the T shape, and the first plate piece extends to an anode lead, and the T shape does not include a connection part for connecting first and third pieces. In addition, claim 8 has been amended to clarify that the second and third plate pieces are bent and crushed to fold the second and third plate pieces onto each other such that one surface of the third plate piece is exposed to an exterior of the casing material as a mounting surface of the solid electrolytic capacitor. See the disclosure in the specification at page 9, line 21 to page 10, line 13.

Still further, claims 1-5 and 8-12 have been amended correct some minor informalities, including the informality pointed out

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by the Examiner, as well as to make some minor grammatical improvements and to correct some minor antecedent basis problems so as to put the claims in better form for issuance in a U.S. patent.

New claims 15 and 16, moreover, have been added respectively corresponding to the subject matter of claims 7 and 14 and respectively depending from claims 1 and 8.

No new matter has been added, and it is respectfully requested that the amendments to the claims be approved and entered.

RE: THE PRIOR ART REJECTION

Claims 1-5 and 8-12 were rejected under 35 USC 102 as being anticipated by USP 6,392,869 ("Shiraishi et al"). This rejection, however, is respectfully traversed with respect to the claims as amended hereinabove.

According to the present invention as recited in amended independent claims 1 and 8, an anode terminal is provided which includes a first plate piece that connects to an anode lead and intersects a third plate piece, which has a side facing the exterior of the capacitor so as to form a mounting surface. A second plate piece is provided in between the first plate piece and the third plate piece, and is formed integrally with the third plate piece (by pressure welding), such that the second

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plate piece and the third plate piece are folded together. The first, second and third plate pieces are thus arranged to form a T shaped anode terminal.

With this structure, the strength of the solid electrolytic type capacitor is increased to improve contact reliability. In addition, with the structure of the claimed present invention the size of the solid electrolytic type capacitor can be reduced without sacrificing contact reliability.

By contrast, it is respectfully submitted that Shiraishi et al merely discloses a capacitor having an anodic extraction terminal which corresponds to the conventional anode terminal shown in Fig. 1 of the present application. And it is respectfully submitted that Shiraishi et al does not at all disclose, teach or suggest the feature of the present invention as recited in claim 1 whereby the first and the second plate pieces are placed at an interior of the casing material. Instead, in Shiraishi et al, the portion of the anodic extraction terminal 13 identified as the second plate piece by the Examiner is provided on an exterior side of the capacitor. It is respectfully submitted, moreover, that the portions of the anodic extraction terminal 13 of Shiraishi et al which the Examiner contends correspond to the second and third plate pieces are not

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formed integrally, as according to the present invention as recited in claim 1. And still further, it is respectfully submitted that these portions of the anodic extraction terminal 13 of Shiraishi et al clearly are not folded onto each other, as according to the present invention as recited in claim 8.

Accordingly, it is respectfully submitted that amended independent claims 1 and 8, as well as claims 2-5, 9-12, 15 and 16 respectively depending therefrom, all patentably distinguish over Shiraishi et al, under 35 USC 102 as well as under 35 USC 103.

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In view of the foregoing, entry of this Amendment, allowance of the claims and the passing of this application to issue are respectfully solicited.

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If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,

  
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